

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005834.D
 Acq On : 04 Oct 2018 03:37
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 10/4/2018 2:47:00 PM

Quant Time: Oct 04 06:46:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 05:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	280597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	150186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	21457	10.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.18%	
35) Dibromofluoromethane	7.89	113	18313	10.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.60%	
50) Toluene-d8	10.33	98	70516	9.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.60%	
62) 4-Bromofluorobenzene	12.62	95	26464	9.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	9566	7.985	ug/l	99
3) Chloromethane	2.21	50	12287	8.676	ug/l	100
4) Vinyl Chloride	2.37	62	18477	10.598	ug/l	90
5) Bromomethane	2.78	94	12707	10.740	ug/l	92
6) Chloroethane	2.93	64	10958	9.809	ug/l	91
7) Trichlorofluoromethane	3.26	101	11904	8.879	ug/l	94
8) Diethyl Ether	3.68	74	9276	10.287	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17746	10.338	ug/l	97
10) Methyl Iodide	4.26	142	27448	10.275	ug/l	99
11) Tert butyl alcohol	5.20	59	6778m	55.132	ug/l	
12) 1,1-Dichloroethene	4.04	96	17233	10.416	ug/l	86
13) Acrolein	3.90	56	7199	75.518	ug/l	98
14) Allyl chloride	4.67	41	26225	9.204	ug/l	98
15) Acrylonitrile	5.38	53	19006	47.600	ug/l	98
16) Acetone	4.14	43	18994	49.978	ug/l	97
17) Carbon Disulfide	4.38	76	50383	9.665	ug/l	100
18) Methyl Acetate	4.68	43	9581	9.356	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	24602	9.522	ug/l	96
20) Methylene Chloride	4.92	84	31174	14.504	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	17752	9.798	ug/l	95
22) Diisopropyl ether	6.31	45	50337	9.069	ug/l	91
23) Vinyl Acetate	6.26	43	135141	42.374	ug/l	99
24) 1,1-Dichloroethane	6.22	63	35127	10.192	ug/l	99
25) 2-Butanone	7.18	43	24598	47.167	ug/l	90
26) 2,2-Dichloropropane	7.17	77	23473	9.949	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	20654	10.359	ug/l	99
28) Bromochloromethane	7.52	49	12713	9.487	ug/l	97
29) Tetrahydrofuran	7.54	42	14635	44.825	ug/l	99
30) Chloroform	7.68	83	37983	10.627	ug/l	98
31) Cyclohexane	7.96	56	29514	9.027	ug/l #	85
32) 1,1,1-Trichloroethane	7.87	97	32088	10.217	ug/l	99
36) 1,1-Dichloropropene	8.09	75	26292	9.244	ug/l	98
37) Ethyl Acetate	7.26	43	10599	8.793	ug/l	98
38) Carbon Tetrachloride	8.07	117	30530	10.005	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	28651	8.567	ug/l	98
40) Benzene	8.33	78	78631	9.723	ug/l	93
41) Methacrylonitrile	7.49	41	6460	9.265	ug/l	98
42) 1,2-Dichloroethane	8.41	62	26655	10.174	ug/l	99
43) Isopropyl Acetate	8.43	43	20008	8.396	ug/l	97
44) Trichloroethene	9.09	130	21090	10.154	ug/l	98
45) 1,2-Dichloropropane	9.37	63	19032	9.662	ug/l	94
46) Dibromomethane	9.46	93	10072	10.026	ug/l	100
47) Bromodichloromethane	9.65	83	27825	10.393	ug/l	100
48) Methyl methacrylate	9.44	41	9439	8.329	ug/l	95
49) 1,4-Dioxane	9.47	88	3165	197.379	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	53108	44.100	ug/l	98
52) Toluene	10.39	92	48753	9.640	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	24505	9.138	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	28326	9.439	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	14363	10.048	ug/l	95
56) Ethyl methacrylate	10.65	69	15389	8.727	ug/l	98
57) 1,3-Dichloropropane	10.94	76	24942	9.896	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	33175	42.337	ug/l	98
59) 2-Hexanone	10.98	43	33878	41.509	ug/l	98
60) Dibromochloromethane	11.13	129	18035	10.359	ug/l	96
61) 1,2-Dibromoethane	11.24	107	13120	9.823	ug/l	98
64) Tetrachloroethene	10.87	164	20629	10.602	ug/l	99
65) Chlorobenzene	11.66	112	57611	10.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	21125	10.138	ug/l	98
67) Ethyl Benzene	11.74	91	93047	9.143	ug/l	99
68) m/p-Xylenes	11.85	106	72410	18.768	ug/l	100
69) o-Xylene	12.17	106	33299	9.224	ug/l	99
70) Styrene	12.19	104	56790	9.349	ug/l	99
71) Bromoform	12.35	173	11546	10.325	ug/l #	97
73) Isopropylbenzene	12.47	105	92444	8.866	ug/l	100
74) N-amyl acetate	12.28	43	18435	7.786	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	16038	9.142	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	12055m	9.258	ug/l	
77) Bromobenzene	12.75	156	23888	9.672	ug/l	98
78) n-propylbenzene	12.81	91	111382	8.847	ug/l	99
79) 2-Chlorotoluene	12.90	91	68660	9.384	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	82071	9.045	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	4906	8.578	ug/l	95
82) 4-Chlorotoluene	12.99	91	75259	9.751	ug/l	99
83) tert-Butylbenzene	13.21	119	67618	8.877	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	86127	9.388	ug/l	99
85) sec-Butylbenzene	13.39	105	100104	9.085	ug/l	100
86) p-Isopropyltoluene	13.51	119	89483	9.033	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	49430	9.812	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	50989	10.190	ug/l	97
89) n-Butylbenzene	13.83	91	82642	8.897	ug/l	98
90) Hexachloroethane	14.10	117	17752	9.881	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	45430	10.176	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3136	9.283	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30299	9.561	ug/l	99
94) Hexachlorobutadiene	15.24	225	20047	9.817	ug/l	98
95) Naphthalene	15.38	128	45581	8.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	26730	9.519	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

